
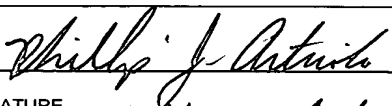
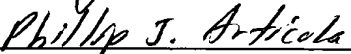


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|---|-------------------------------------|---|--|--|--|
| FORM PTO-1390 (Modified) (REV 5-93) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | 084335-0155 | |
| | | | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/031,589 | |
| INTERNATIONAL APPLICATION NO. PCT/JP00/04895 | | INTERNATIONAL FILING DATE 21 July 2000 | | PRIORITY DATE CLAIMED 23 July 1999 | |
| TITLE OF INVENTION FULL LENGTH cDNA CLONES AND PROTEINS ENCODED THEREBY | | | | | |
| APPLICANT(S) FOR DO/EO/US Toshio OTA, Takao ISOGAI, Tetsuo NISHIKAWA, Yuri KAWAI | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| 1. | <input type="checkbox"/> | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 2. | <input checked="" type="checkbox"/> | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 3. | <input type="checkbox"/> | This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). | | | |
| 4. | <input type="checkbox"/> | A proper Demand for International Preliminary Examination was made by the 19 th month from the earliest claimed priority date. | | | |
| 5. | <input type="checkbox"/> | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) | | | |
| 6. | <input type="checkbox"/> | A translation of the International Application into English (35 U.S.C. 371(c)(2)). | | | |
| 7. | <input type="checkbox"/> | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. | | | |
| 8. | <input type="checkbox"/> | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | |
| 9. | <input type="checkbox"/> | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | |
| 10. | <input type="checkbox"/> | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| 11. | <input type="checkbox"/> | Applicant claims small entity status under 37 CFR 1.27 . | | | |
| Items 12. to 17. below concern other document(s) or information included: | | | | | |
| 12. | <input type="checkbox"/> | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 13. | <input type="checkbox"/> | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | |
| 14. | <input type="checkbox"/> | A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. | | | |
| 15. | <input type="checkbox"/> | A substitute specification. | | | |
| 16. | <input type="checkbox"/> | A change of power of attorney and/or address letter. | | | |
| 17. | <input checked="" type="checkbox"/> | Other items or information: Declaration of Yuri Hio | | | |

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|--|--------------|---|--|---|--|--|---------|--------------|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) 10/031,589 | | | INTERNATIONAL APPLICATION NO. PCT/JP00/04895 | | | ATTORNEY'S DOCKET NUMBER 084335-0155 | | |
| 18. <input checked="" type="checkbox"/> The following fees are submitted: | | | | | | CALCULATION | | PTO USE ONLY |
| Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$890.00 | | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) \$710.00 | | | | | | | | |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$740.00 | | | | | | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,040.00 | | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00 | | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | | | \$0.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 Months from the earliest claimed priority date (37 CFR 1.492(e)) | | | | | | \$0.00 | | |
| Claims | Number Filed | | Included in Basic Fee | | Extra Claims | | Rate | |
| Total Claims | 19 | - | 20 | = | 0 | x | \$18.00 | \$0.00 |
| Independent Claims | 1 | - | 3 | = | 0 | x | \$84.00 | \$0.00 |
| Multiple dependent claim(s) (if applicable) | | | | | | \$280.00 | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | | | \$0.00 | | |
| Reduction by ½ for filing by small entity, if applicable. | | | | | | \$0.00 | | |
| SUBTOTAL = | | | | | | \$0.00 | | |
| Processing fee of \$130.00 for furnishing English translation later the 20 months from the earliest claimed priority date (37 CFR 1.492(f). + | | | | | | \$0.00 | | |
| TOTAL NATIONAL FEE = | | | | | | \$0.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | \$0.00 | | |
| TOTAL FEES ENCLOSED = | | | | | | \$0.00 | | |
| | | | | | | Amount to be: refunded \$ | | |
| | | | | | | charged \$ | | |
| a. <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$_____ to the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: Foley & Lardner Customer Number: 22428  22428 PATENT TRADEMARK OFFICE | | | | | <div style="text-align: right;">  SIGNATURE  NAME / STEPHEN B. MAEBIUS for REGISTRATION NUMBER 35,264 Reg. No. 38,819 </div> | | | |



UNITED STATES PATENT AND TRADEMARK OFFICE

 Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

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|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/031,589 | Toshio OTA | 084335-0155 |

 22428
 FOLEY AND LARDNER
 SUITE 500
 3000 K STREET NW
 WASHINGTON, DC 20007

INTERNATIONAL APPLICATION NO.

PCT/JP00/04895

I.A. FILING DATE

07/21/2000

PRIORITY DATE

07/23/1999

CONFIRMATION NO. 6330

371 FORMALITIES LETTER



OC000000009073103

Date Mailed: 11/07/2002.

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration

Applicant's response filed 07/01/2002 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 03/29/2002 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - does not provide proof of name change by inventor Kawai

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/031,589 | PCT/JP00/04895 | 084335-0155 |

FORM PCT/DO/EO/916 (371 Formalities Notice)